

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	tire near nosie and amplitude and modulation	US-PGPUB	OR	ON	2010/03/09 17:40
L2	1	(tire near noise and amplitude and modulation).clm.	US-PGPUB	OR	ON	2010/03/09 17:42
L3	2	(tire near noise and amplitude).clm.	US-PGPUB	OR	ON	2010/03/09 17:42
L4	1	(tire near noise and modulation).clm.	US-PGPUB	OR	ON	2010/03/09 17:43
L5	1	(tire near noise and phase).clm.	US-PGPUB	OR	ON	2010/03/09 17:43
L6	3	(tire near noise and lug).clm.	US-PGPUB	OR	ON	2010/03/09 17:43
L7	9	(tire near noise and pitch).clm.	US-PGPUB	OR	ON	2010/03/09 17:44

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	128	703/2.ccls. and @pd>="20100101"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/03/09 15:42

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S350	59	tire and noise and pitch and @pd>="20100101"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/03/09 16:30

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tire noise phase amplitude modulation

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Results 1 - 10 of about **4,280** for **tire noise phase amplitude modulation**. (0.29 seconds)

### Coherence, modulation, and phase-noise effects in Sagnac ...

by KH Wanser - 1987 - Cited by 3

For the fiber optic gyroscope, parasitic **amplitude modulation** effects that ... **Phase noise** effects caused by environmental or other disturbances can cause ...  
adsabs.harvard.edu/abs/1988SPIE..838..121W

### (WO/2004/041555) METHOD FOR DESIGNING TIRE NOISE PITCH SEQUENCE

One cause of undesirable noise is **tire noise** attributed to the variations in the .... **Phase angle** for 0 **amplitude** is irrelevant All non-zero order phases are ... The reason the actual **modulation amplitudes** and the design **modulation** ...  
www.wipo.int/pctdb/en/wo.jsp?WO=2004041555&IA... - Cached

### Phase Noise, Harmonics and Sub-Harmonics

If the **phase** variations are a **modulation** of the **phase** then the little vector ... When observed on a spectrum analyzer, **amplitude** and **phase noise** will appear ...  
www.wenzel.com/documents/noise.html - Cached - Similar

### Phase and amplitude modulation of elliptic polarization states by ...

by J Nicolás - 2002 - Cited by 36 - Related articles

The **phase** modulation is gener- ally coupled with the **amplitude modulation**. In many ... Stokes polarimeter and to optimize its signal-to-noise ra- tio. In Ref. .... **tire** setup, and it will be discussed at the end of this sec- ...  
www.opticsinfobase.org/josaa/ViewMedia.cfm?id=68688&seq=0

### NIST Phase Noise Measurements Group

Craig Nelson of the NIST **Phase Noise** Group has developed a second generation ... to the reference and produces equal amounts of PM and AM **modulation** when the added signal ... Send an email to David Howe of the **Phase Noise** Measurement Group.  
tf.nist.gov/phase/pulsephase.html - Cached - Similar

### Reduced noise pneumatic tire - Patent Application 20080110539

by SP Landers - 2008

May 15, 2008 ... A primary concern of tire designers is **tire noise** and how to reduce .... By **phase** shifting the harmonic pitching pattern and the random pitching ... the maximum **amplitude** MH of the harmonic pitching pattern **modulation** ...  
www.freepatentsonline.com/y2008/0110539.html

### Library of reference signals in the audio frequency range

by AI Mekhannikov - 1999

**Tire** proposed selection of papers describes ... white or pink **noise** of a known level or spectral density; additive mixture of pure sound and **noise** ... Nonlinear distortion factor. **Phase** shift. **Amplitude modulation** factor.  $O(X)$  1-2 V ...  
www.springerlink.com/index/L222228440203889.pdf - Similar

### A wireless pressure-measurement system using a SAW hybrid sensor ...

both a high signal-to-noise ratio and a high **phase-modulation** .... and **amplitude** JS j of the reflected pulse as functions of the **tire** pressure. ...

[ieeexplore.ieee.org/iel5/22/19458/00899037.pdf](http://ieeexplore.ieee.org/iel5/22/19458/00899037.pdf)

### Spreading noise generated by load supporting elements of a tire ...

The speed at which **tire noise** is generally loud enough to be perceived by the human ear is ... The index of **modulation** in Equation No. 1 is the **amplitude** of the frequency .... 5 shows a **phase** shift from the basic sinusoidal **modulation**. ...  
[www.patentstorm.us/patents/4474223/description.html](http://www.patentstorm.us/patents/4474223/description.html)

### PDF Datasheet PDF Template

File Format: PDF/Adobe Acrobat - [Quick View](#)

WiMax (802.16a), RFID, **tire** pressure monitoring systems (TPMSs), satellite communications, and commercial .... Models and applies common sources of **phase noise** present .... Performs **amplitude modulation** on an RF carrier wave, with ...  
[www.ni.com/pdf/products/us/032753305101.pdf](http://www.ni.com/pdf/products/us/032753305101.pdf) - Similar

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